

Notice of Allowability

Application No.

10/611,647

Examiner

Dai A. Phuong

Applicant(s)

ZHIGANG, QU

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 04/12/2007.
2. ☒ The allowed claim(s) is/are 7, 8 and 15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


DUC M. NGUYEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

DETAILED ACTION

Examiner amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William B. Ashley at (952) 854-2717 on July 2, 2007.

The application has been amended as follow:

In The Claims:

Claims 20-30 have been canceled.

Examiner Remark

2. Claims 20-30 have been canceled. Claims 1-6, 9-14 and 16-19 have been canceled by an amendment which filed on 04/12/2007.

Reasons for Allowance

3. This office action is response to amendment filed on 04/12/2007. Claims 1-6, 9-14 and 16-30 have been canceled and claims 7-8 and 15 are currently pending.

The following is an examiner's statement of reasons for allowed:

Claims 7-8 and 15 are allowed.

Claim 8 is dependent on claim 1.

Regarding claim 7, the prior art record fails to anticipate or render obvious a method for retrieving content via a first network from a mobile terminal operable as a server within a second

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network, wherein devices operable on the second network lack fixed addresses for receiving requests from the first network, the method comprising: *receiving a request for data from the first network, the request including a destination path that includes an identifier that is addressable on the first network and a mobile terminal identifier of the mobile terminal; modifying the destination path of the request to indicate that a network path of the second network corresponding to the mobile terminal is the source of the content; modifying the request to indicate that the mobile terminal is operating as a mobile server to provide the requested data; forwarding the modified request to the mobile terminal; and supplying content from the mobile terminal in response to the modified request; wherein forwarding the modified request to the mobile terminal comprises using a Service Loading (SL) content type, and wherein the SL content type comprises: an action field indicating that the mobile terminal is a data server; a pathname that indicates where the content is located within the mobile terminal; a username to identify the requesting network element; and a password associated with the username*, all limitations in combination as defined by applicant.

Regarding claim 15, the prior art record fails to anticipate or render obvious a mobile server system, comprising: *a first network and a second network, wherein devices operable on the second network lack fixed addresses for receiving requests from the first network; a network terminal coupled to transmit a content request via the first network targeted for a destination device on the second network, the request including a destination path having an identifier that is addressable on the first network and a mobile terminal identifier of the destination device; a proxy coupled to receive the content request and arranged to modify the destination path of the content request to indicate a network path of the second network*

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corresponding to the destination device; and a mobile terminal coupled to the proxy to receive the modified request and service the request using the network path of the second network, wherein the modified request indicates that the mobile terminal is operating as a mobile server to provide the requested content to the network terminal; wherein the WAP procedure includes a Service Loading (SL) content type, and wherein the SL content type comprises: an action field indicating that the mobile terminal is a data server; a pathname that indicates where the content is located within the mobile terminal; a username to identify the network element; and a password associated with the username, all limitations in combination as defined by applicant.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dai A Phuong whose telephone number is 571-272-7896. The examiner can normally be reached on Monday to Friday, 9:00 A.M. to 5:00 P.M..


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nguyen M Duc can be reached on 571-272-7503. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dai Phuong

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Date: 07/03/2007


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